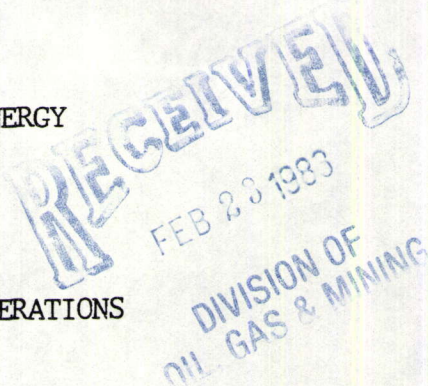


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES AND ENERGY
DIVISION OF OIL, GAS AND MINING
4241 State Office Building
Salt Lake City, Utah 84114
Telephone: (801) 533-5771



NOTICE OF INTENTION TO COMMENCE MINING OPERATIONS
and
MINING AND RECLAMATION PLAN

Based on Provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1953, General Rules and Regulations and Rules of Practice and Procedures, By Order of the Board of Oil, Gas and Mining.

Mine Name: CATO PLACER SAND #(1) Mine Plan Date: February 19, 1983

File No.: ACT/019/017 Date Received: February 23, 1983

Operator: CATO Placer Sands Operations, Ltd. DOGM Lead Reviewer: S. Linner
Crater Exploration, Inc., General Partner

Mineral(s) to be Mined: Gold, Silver & other precious and noble metals removed as
a concentrate produced by mass and size classification methods.

Please attach other sheets as needed and include cross-reference page numbers when used.

1. Name of Applicant or Company: CATO Placer Sands Operations, Ltd. by Crater Exploration, Inc.
Corporation (x) Partnership (x) Individual () General Partner.

2. Address: Permanent: 2030 East 4800 South, Salt Lake City, Utah 84117, Suite 202
Temporary: _____

3. Company Representative: Name: Ralph Anderson
Title: President
Address: 7513 Monterey Circle, Phone: 801 943 6270
Sandy, Utah 84092

4. Location of Operation: County(ies) Grand County, Utah
Township(s): T 23 S Range(s): R 24 E Section(s): (8)
Township(s): _____ Range(s): _____ Section(s): _____
Township(s): _____ Range(s): _____ Section(s): _____

5. Owner(s) of record of the surface area within the land to be affected:

Name: <u>Rendezvous Corporation</u>	Address: <u>% DeMar Perkins, P.O. Box 248, Monticello, Utah</u>
Name: _____	Address: _____
Name: _____	Address: _____
Name: _____	Address: _____

6. Owner(s) of record of the minerals to be mined:

Name: <u>Rendezvous Corporation</u>	Address: <u>P.O. Box 248, Monticello, Utah 84535</u>
Name: _____	Address: _____
Name: _____	Address: _____
Name: _____	Address: _____

7. Owner(s) of record of all other minerals, including oil and gas, within any part of the land to be affected:

Name: <u>Federal Land Bank</u>	Address: _____
Name: _____	Address: _____
Name: _____	Address: _____

8. Have the above owners been notified in writing? (x) Yes, () No. If no, why not? _____

9. Have you or any other person, partnership or corporation associated with you received an approval of a Notice of Intention to Commence Mining Operations by the State of Utah for operations other than described herein? () Yes, (x) No. If yes, list all approval numbers now under surety:

10. Source of Operator's legal right to enter and conduct operations on the land to be covered by this Notice: Rendezvous Corporation is the owner of the land CATO Placer Sands, Limited is the Partnership entity with Crater Exploration, Inc. as the General Partner is associated with Rendezvous Corporation and has the rights to the metaliferrous minerals through the Federal Land Bank.

11. Give the names and mailing addresses of every principal Executive, Office, Partner (or person performing a similar function) of Applicant:

Name	<u>Ralph Anderson</u>	Title	<u>President</u>	Address	<u>7513 Monterey Circle, Sandy, Utah</u>
------	-----------------------	-------	------------------	---------	--

A.	<u>Crater Exploration, Inc. by Ralph Anderson, President, 2030 East 4800 South, SLC. Utah</u>
B.	_____
C.	_____
D.	_____

12. Has the Applicant, any subsidiary or affiliate or any person, partnership, association, trust or corporation controlled by or under common control with the Applicant, or any person required to be identified by Item 11 ever had an approval of a Notice of Intention to Mine or Explore withdrawn or has surety relating thereto ever been forfeited? () Yes, (x) No.

If yes, please explain: _____

Please note: Section 40-8-13 of the Act provides that information relating to the location, size or nature of the deposit, and marked confidential by the Operator, shall be protected as confidential information by the Board and the Division and not be a matter of public record in the absence of a written release from the Operator, or until the mining operation has been terminated as provided in Subsection (2) of Section 40-8-21 of the Act. This material should be so marked and included on separate cross-referenced sheets.

13. All maps and plans prepared for submission shall be of adequate scale and detail to show topographic features and clearly indicate the following details:
- A. Location and delineation of the extent of the land previously affected, as well as the proposed surface disturbance.
 - B. Existing active or inactive, underground or surface mined areas.
 - C. Boundaries of surface properties, including ownership.
 - D. Names and locations of:
 - (1) Lakes, rivers, streams, creeks and springs.
 - (2) Roads, highways and buildings.
 - (3) Active or abandoned facilities.
 - (4) Transmission lines within 500 feet of the exterior limits of land affected.
 - (5) Gas and/or oil pipelines.
 - (6) Site elevation.
 - E. Drainage patterns of land affected:
 - (1) Overburden or topsoil removal and storage areas.
 - (2) Areas susceptible to erosion.
 - (3) Natural waterways.
 - (4) Constructed drainages, diversions, berms and sediment ponds (design calculations shall be included).
 - (5) Receiving waters (State Health classification).
 - (6) Directional flow of all surface waters (indicated by arrows).
 - F. Known drill holes:
 - (1) Location.
 - (2) Status.

- (3) Depths and thicknesses of: *
 - a. Water bearing strata.
 - b. Mineral deposits.
 - c. Toxic or potentially toxic materials.
 - d. Surficial or plant supporting material (topsoil and subsoil).
- G. Locations of disposal and stockpile areas:
 - (1) Topsoil and subsoil storage areas.
 - (2) Overburden storage area.
 - (3) Waste, tailings, rejected materials.
 - (4) Raw ore stockpile(s).
 - (5) Tailings-ponds and other sediment control structures.
 - (6) Discharge points, water effluents (see #15[D]).

All maps should have a color code or other suitable legend used in preparation to clearly indicate surface features of the land affected. A general reference map completed on a 7.5 (1:24,000) USGS quadrangle sheet is recommended with additional large scale maps included for practical delineation of individual facilities, (e.g., 1:200, 1:500).

14. Acreage to be disturbed:

- A. Minesite (operating, storage, disposal areas, etc.): two
- B. Access/haul roads/conveyors: one existing
- C. Associated on-site processing facilities: Classification & washing only

15. Describe mining method to be employed, including:

- A. Mining sequence:
 - (1) Map delineating the yearly sequential disturbance (if surface mine) and/or surficial disturbance.
 - (2) Narrative (including on-site processing or mineral treatment):

see Attached

Attach supplemental sheets and/or diagrams as necessary with cross reference to page number here: _____.

*Stratigraphic or lithologic logs if correlated to footage depths may be presented when labeled (maps or logs should be labeled confidential, if so desired).

B. If sedimentary deposit seam(s):

(1) Thickness(es): twenty-five feet of placer

(2) Dip: 1½ degrees to the north

(3) Outcrop: twenty five feet of silt on the river

C. Will any underground workings or aquifers be encountered? () Yes, (x) No. If yes, describe potential impacts and protection measures to be taken: _____

D. Describe any active discharge or proposed discharge of water from mine or site area. Include water quality data and lab test reports. If attached sheets or reports are included, cross reference to page number here: _____.

No chemicals will be added to wash and classify the placer deposits.

Most water in the discharge ponds will be reused during mineral processing.

The only chemicals added will be approved biodegradable chemicals to reduce turbidity. We anticipate two ponds per site but if the turbidity is not reduced, additional settling time will be provided.

16. Have all necessary water rights been appropriated? () Yes, () No. How will water be obtained? Please explain: 4 second feet of water are included with the property.

17. Proposed or estimated duration of mining operation: twenty years
Will the permit term be for a lesser amount of time, subject to review? (e.g., for surety estimate reasons). () Yes, (x) No. If yes, how long? _____

18. Describe the construction and maintenance of access roads including:

A. Procedures (drainage and erosion control methods).

B. Cross section(s).

C. Profile(s) of proposed road grade(s).

Highway 128 runs along and through the north side of the property as indicated on the map. Access to the property is through existing gates.

Attach supplemental diagrams and cross reference to page number here: _____.

19. Prior land use(s): native vegetation, grass, barley, corn, melons
Current land use(s): barley, corn
Possible projected or prospective future land use(s): grains, grass, irrigated land

20. Describe methods of tree and brush removal: Fell trees, compost branches
use loader to compost roots

Provide estimate of, and method of obtaining existing vegetation cover (%):
60% tilled 20% tillable but not now utilized. 20% native & untillable
Data is from area hotographs and walking the land.

What types of dominant vegetation are present? annual grains. native
greasewood, cottonwood, and tamarac

Photographs and/or maps may be attached to these forms, cross reference to
page number here: _____.

21. Soils (surficial plant supportive material) and overburden: Except where
slope or rocky terrain make it impossible, all surficial materials
suitable as a growth medium shall be removed, segregated and stockpiled
according to its ability to support vegetation (as determined by soil
analysis and/or pratical revegetation experience) prior to any major
excavation. (Suggested minimum requirements are the top six inches, or
the "A" horizon, whichever is larger.)

A. What is the pH range of the soil before mining? 7-8
Name of person or agency and method of determining pH: USGS

Attach lab report if available. Cross reference page number
here: _____.

B. Average depth of topsoil and subsoil to be stripped and stockpiled:
25 feet. Calculated volume of soil to be stockpiled: _____

C. Describe the method for removing and stockpiling topsoil and subsoil,
including measures to protect topsoil from wind and water erosion,
compaction and pollutants: see section 15 above

D. Describe the method for removing and stockpiling overburden.
Describe and discuss the acidity or alkalinity (pH) or other
characteristics which would affect revegetation: see section 15 above

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- E. Rock subjected to processing such as waste rock, tailings, etc., and which is to be disposed of on- or off-site must be subjected to a toxicity analysis. The method of determination, results and suitable disposal methods must be explained in detail, including means for containment and long range stability*:

No toxic materials are allowed at the mining site.

No toxic residues are anticipated.

22. Describe the methods used to minimize public safety and welfare hazards during and after mining operations including:

- A. Shaft, tunnel and drill hole closure.
B. Disposal of trash, scrap metal and wood and extraneous debris, waste oil and solvents, unusable buildings and foundations, sewage and other materials incident to mining.
C. Posting of appropriate warning signs and/or fences or berms to act as barriers (e.g., above highwalls) in locations where public access is available.

- A. No shafts, tunnels, drillholes are anticipated in this placer mining operation.
B. All foreign structures are portable. No hazardous material is allowed on the mining site.
C. Fences will be maintained on hwy 128. Private access roads will be posted with appropriate warning signs. Guard security is enforced at the mine site. Link fence 8 feet high will be installed where needed.

*"Toxic" means any chemical or biological or adverse characteristic of the material involved which could reasonably be expected to negatively affect ecological or hydrological systems or could be hazardous to the public safety and welfare.

23. Grading and soil redistribution.

- A. Attach pre- and postmining contour cross sections, typical of regrading designs. Cross reference to page number here: _____.
- B. Describe the method(s) of overburden replacement and stabilization and highwall elimination, including: (a) slope factors; (b) lift heights; (c) compaction; (d) terracing, etc., (e) also include testing procedures: Coarse material will be placed in the bottom of the excavated trench finer sand will be added on top of the coarse sand. Collected clay and silt of at least one foot will be placed on the top level. The ground will be contoured to minimize irrigation water usage. Soil fertility will be determined by commercial testing laboratories.

- C. What method of spreading topsoil and subsoil or upper horizon material on the regraded area will be employed? _____
Loaders and graders.

1. Indicate the approximate depth of soil cover after final surfacing 15 inches.
2. What tests will be performed to adequately evaluate the potential of the soil to successfully support intended revegetation? As the soil is deposited by hydraulic action of the River, no change in fertility is anticipated. The same Soil is returned to land.

3. What soil amendments or fertilizers will be needed as an aid to revegetation?
Type: ammonium nitrate Rate: 100 lbs/ac
Type: supertriple phosphate Rate: 100 lbs/ac or as per test
Type: _____ Rate: _____
4. What additional surface preparations will be used? Describe (a) drainage, erosion and sediment control measures; (b) maximum slope characteristics; and (c) highwall reclamation.

The dredged tailings pond residues will be tempered with sand, fertilizer, and levelled for farming. Some terracing will be done to provide for more farming yield and efficient irrigation.

5. Describe methods which may be particularly applicable to waste disposal areas determined to be potential problem areas.

Our environmental engineering consultants foresee no problems in waste disposal

- D. Describe plans for either leaving or reclaiming the roads and pads associated with the operation.

No public road disturbance is planned.

24. Impoundments: All evaporation, tailings and sediment ponds; spoil piles, fills, pads and regraded areas shall be self-draining and nonimpounding when abandoned unless previously approved as an impounding facility by a lawful state or federal agency. In view of this, please describe the reclamation of all related areas in the operation and include pertinent items enumerated in C, 1-5 above.

No permanent impoundments are anticipated. Any impoundment contains only the wash water or the clay, silt fractions.

25. Revegetation plans:

- A. What organization, agency or person will specifically be performing the revegetation? Rondezvous Corp.
- B. Will the affected area be subject to livestock or wildlife grazing? (x) Yes, () No. Will vegetation protection be needed to allow for a determination of the successful revegetation criteria outlined in the Mined Land Reclamation Act, Rule M-10(12)? () Yes, (x) No. If yes, what measures will the operator take?

Perennial grasses and brush will be seeded to terrace slopes. Irrigated crops will be seeded on the levelled portions of the site'

- C. Will irrigation be used? (x) Yes, () No. Type: flood
_____ For how long? indefinite period of time

- D. Test plots initiated during the early stages of mine development provide good bases from which a successful revegetation program can be adapted for later implementation. Will test plots be employed? (x) Yes, () No. If yes, describe on an additional sheet(s) and attach. Cross reference page number here and show location on facilities map: _____.
- E. Please attach a revegetation plan and schedule including:
1. Species to be used.
 2. Rate of seed application/acre.
 3. Season to be planted.
 4. Seedbed preparation techniques.
 5. Planting location, slope face direction, variability, method of application, covering, etc.
 6. Mulch and fertilizer application, if used.
- F. Describe any other maintenance procedures which may be used, if needed, to guarantee successful revegetation:

- D. When areas closest to the road are re-contoured, reseeding will be instituted to hold soil and water.
- E. 7 lbs of alta fescue and 2½ lbs of alfalfa per acre will be planted in the fall.

26. Please provide a reclamation schedule including:

- A. Estimated time for construction.
- B. Estimated time for interim reclamation.
- C. Estimated duration of the mining operation.
- D. A time table for the accomplishment of each major step in the reclamation plans. Attach the schedule and cross reference to the page number here: _____.

27. A surety guarantee must be provided for the mining operation (see Rule M-5 Mined Land Reclamation Act). In calculating this amount, the Division will consider the following major steps based on the information provided in this report:

- A. Clean up and removal of structures.
- B. Backfilling, grading and contouring.
- C. Topsoil and subsoil redistribution and stabilization.
- D. Revegetation (i.e., preparation, seeding, mulching, irrigation).
- E. Labor.
- F. Safety and fencing.
- G. Monitoring, and reseeding if necessary.

To assist the Division, the operator may attach a list of costs and factors which would satisfy these areas. Substantiation of these factors, i.e., unit costs and how they are derived, should accompany the list. Cross reference the page number here: _____.

28. A request for a variance from specific commitments to Rule M-10 (Reclamation Standards) of the Mined Land Reclamation Act may be submitted with adequate written justification. If after presentation of information adequately detailing the situation, a determination is made that finds a portion of the rule inapplicable, a variance may be granted by the Division.

I hereby commit the applicant to comply with Rule M-10, "Reclamation Standards" in its entirety, as adopted by the Board of Oil, Gas and Mining on March 22, 1978.

The applicant will achieve the reclamation standards for the following categories as outlined in Rule M-10 on all areas of land affected by this mine, unless a variance is granted in writing by the Division.

<u>Rule</u>	<u>Category of Commitment</u>	<u>Variance Requested?</u>
M-10(1)	Land Use	_____
M-10(2)	Public Safety and Welfare	_____
M-10(3)	Impoundments	_____
M-10(4)	Slopes	_____
M-10(5)	Highwalls	_____
M-10(6)	Toxic Materials	_____
M-10(7)	Roads and Pads	_____
M-10(8)	Drainages	_____
M-10(9)	Structures and Equipment	_____
M-10(10)	Shafts and Portals	_____
M-10(11)	Sediment Control	_____
M-10(12)	Revegetation	_____
M-10(13)	Dams	_____
M-10(14)	Soils	_____

I believe a variance is justified on a site-specific basis for the previous subsections of Rule M-10 as indicated. A narrative statement explaining these concerns is attached.

STATE OF Utah
COUNTY OF Salt Lake

I, RALPH ANDERSON, having been duly sworn depose and attest that all of the representations contained in the foregoing application are true to the best of my knowledge; that I am authorized to complete and file this application on behalf of the Applicant and this application has been executed as required by law.

Signed: Ralph Anderson

Taken, subscribed and sworn to before me the undersigned authority in my said county, this _____ day of FEB 22 1983, 19____.

Notary Public: M. Leeson

My Commission Expires: _____

My commission expires April 30, 1986

PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides for maintenance of confidentiality concerning certain portions of this report. Please check to see that any information desired to be held confidential is so labeled and included on separate sheets or maps.

Only information relating to the location, size or nature of the deposit may be protected as confidential.

Confidential Information Enclosed: () Yes (X) No

Insert "A"

(1)

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SOIL INTERPRETATIONS RECORD

SCS-5015-1
REV. 5-78
FILE CODE 5015-1

KEYING ONLY	
RECORD NO.	CONTROL NO.
MLRA (S)	STATE
CLASS	DESCR

MLRA (S)	35	RECORD NO.		KIND OF UNIT	SERIES	UNIT NAME	LGA
STATE	UTAH	AUTHOR(S)	LKS. MED	DATE	1-78	REVISED	UNIT MODIFIER
CLASSIFICATION AND BRIEF SOIL DESCRIPTION							

THE LD IS VERY DEEP MODERATELY WELL DRAINED SOIL FORMED IN ALLUVIUM ON LOW ALLUVIAL RIVER TERRACES UNDER BIG SAGEBRUSH AND COTTONWOOD TREES. HAST IS 53 TO 55 F. AAP IS 6 TO 9 INCHES. FFS IS 130 TO 150 DAYS. A TYPICAL PROFILE HAS A BROWN SILT LOAM SURFACE LAYER 7 INCHES THICK. THE UNDERLYING LAYERS ARE LIGHT BROWN TO BROWN STRATIFIED FINE SAND TO SILT LOAM TO A DEPTH OF 60 INCHES OR MORE. SLOPES ARE 0 TO 1 PERCENT.

FOOTNOTE		ESTIMATED SOIL PROPERTIES								
DEPTH (IN)	USDA TEXTURE	UNIFIED	AASMO	FRACT. > 3 IN. (PCT)	PERCENT OF MATERIAL LESS THAN 3 IN. PASSING SIEVE				LIQUID LIMIT	PLASTICITY INDEX
					4	10	40	200		
0-7	STL	CL-ML	A-4	0	100	100	90-100	80-90	25-35	5-10
7-60	SR-FS-STL	ML	A-4	0	100	100	85-95	60-70	20-30	NP-5

DEPTH (IN)	CLAY (PCT OF < 2MM)	MOIST BULK DENSITY (G/CM³)	PERMEABILITY (IN/HR)	AVAILABLE WATER CAPACITY (IN/IN)	SOIL REACTION (pH)	SALINITY (MMHOS/CM)	SHRINK-SWELL POTENTIAL	EROSION FACTORS		WIND EROD. GROUP	ORGANIC MATTER (PCT)	CORROSION	
								K	T			STEEL	CONCRETE
16-26			0.2-0.6	0.16-0.18	7.8-8.8	A-8	LOW	49	5	4L	1-3	HIGH	HIGH
12-18			0.2-2.0	0.06-0.17	7.9-9.0	B-16	LOW	43					
SAME DEPTH AS ABOVE													

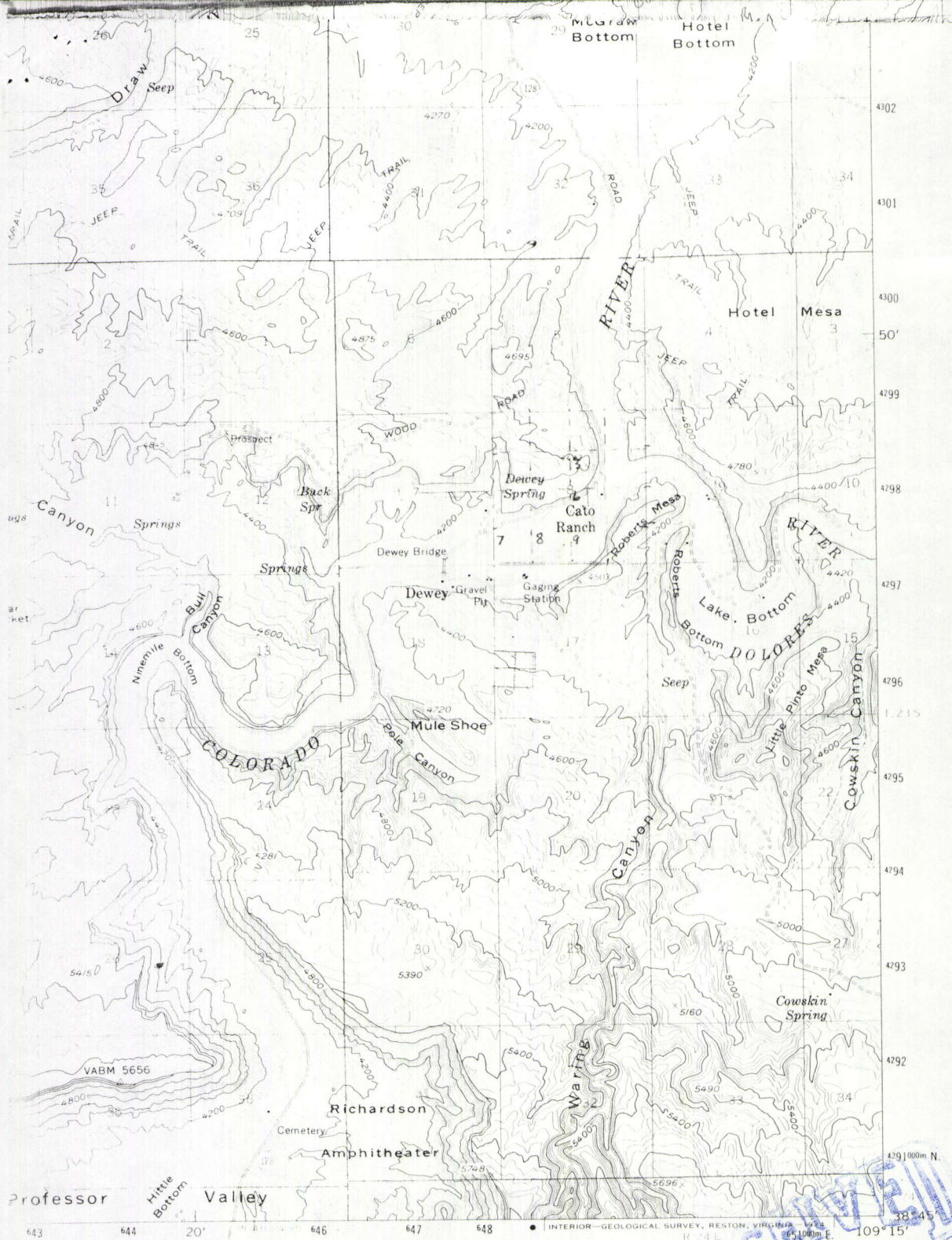
FLOODING				HIGH WATER TABLE		CEMENTED PAV.		BEDROCK		SUBSIDENCE		HYD GRP	POTENTIAL FROST ACTION
FREQUENCY	DURATION	MONTHS	DEPTH (FT)	KIND	MONTHS	DEPTH (IN)	HARDNESS	DEPTH (IN)	HARDNESS	INITIAL (IN)	TOTAL (IN)		
FREQUENT	LONG	APR-JUL	3.0-6.0	APPARENT	APR-JUL			> 60					C MODERATE

SANITARY FACILITIES				CONSTRUCTION MATERIAL			
FOOTNOTES	SEPTIC TANK ABSORPTION FIELDS	SEWAGE LAGOONS	SANITARY LANDFILL (TRENCH)	FOOTNOTES	ROADFILL	SAND	GRAVEL
SEPTIC	SEVERE: FLOODS, WETNESS	SEVERE: SEEPAGE, FLOODS, WETNESS	SEVERE: FLOODS, WETNESS, TOO SANDY	ROADFILL	MODERATE: LOW STRENGTH	UNSUITED	UNSUITED
JAGOON				SAND			
TRENCH				GRAVEL			
SANARE	SEVERE: FLOODS, WETNESS			TOPSOIL	SEVERE: TOO SANDY, EXCESS SALT		
COVER	POOR: TOO SANDY						

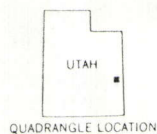
BUILDING SITE DEVELOPMENT				WATER MANAGEMENT			
FOOTNOTES	SHALLOW EXCAVATIONS	DWELLINGS WITHOUT BASEMENTS	DWELLINGS WITH BASEMENTS	FOOTNOTES	POND RESERVOIR AREA	EMBANKMENTS DIKES AND LEVEES	EXCAVATED PONDS AQUIFER FED
EXCAV	SEVERE: CUTBANK CAVE, FLOODS	SEVERE: FLOODS	SEVERE: FLOODS	POND RESERVOIR AREA	SEEPAGE	PIPING, EXCESS SALT	DEEP TO WATER, SLOW REFILL, SALTY WATER
DWEL				EMBANKMENTS DIKES AND LEVEES			
DWEL				EXCAVATED PONDS AQUIFER FED			
DWEL				DRAINAGE	FLOODS, EXCESS SALT		
BLDG	SEVERE: FLOODS			IRRIGATION	FLOODS, EXCESS SALT		
ROADS	SEVERE: FLOODS			TERRACES AND DIVERSIONS	NOT NEEDED		
LAWNS				GRASSED WATERWAYS	EXCESS SALT, ERODES EASILY		

REGIONAL INTERPRETATIONS			
REGION			

[illegible]



3 4 MILES
18000 21000 FEET
4 5 KILOMETERS



QUADRANGLE LOCATION

STANDARDS
RESTON, VIRGINIA 22092
11 ON REQUEST

ROAD CLASSIFICATION
Medium duty — Light duty
Unimproved dirt
U. S. Route — State Route

CISCO, UTAH
N3845—W10915/15

1958
MINOR REVISIONS 1973
AMS 4161 IV - SERIES V797

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CATO PLACER SAND # (1)

General Explanations:

Reports on soils, revegetation recommendations, farming recommendations, and maps are in the public domain. These reports have been submitted by others on adjacent properties to BLM, and state agencies in previous applications. Our submission includes only the documents pertinent to this operation. We make little attempt to determine if the plan is the best on in terms of optimum performance. We welcome proposals from state agencies which will better accomplish revegetation and minimal disturbance of the environment.

FORM MR-1

15. Mining Method

We have leases on 50 [✓]aces of placer. In any one year we will disturb a maximum of ten acres.

+ 20 year
mine life ??

A backhoe will remove placer sands and feed a short conveyor. The oversize organic material will be fed into a compost pile. The sand will be hydraulically conveyed to portable processing plant. The sand will be classified, washed, and placed into an interim waste pile. The silt and clay will be collected in settling ponds. Any discharge will be from stepped, clarified ponds. Concentrates are removed from the mine site to a private security site for chemical processing.

How far away?

The backhoe will create a trench. After bedrock has been reached the cleaned rock will be filled with coarse sand from the interim waste pile. Loaders will distribute, level, and compact the waste sand.

Silt and clay material will be dredged periodically from the settling ponds. After drying for a sufficient period of time the material will be distributed as topsoil, fertilized and prepared for planting.

The topsoil is to be levelled and terraced to provide for modern irrigation practice.

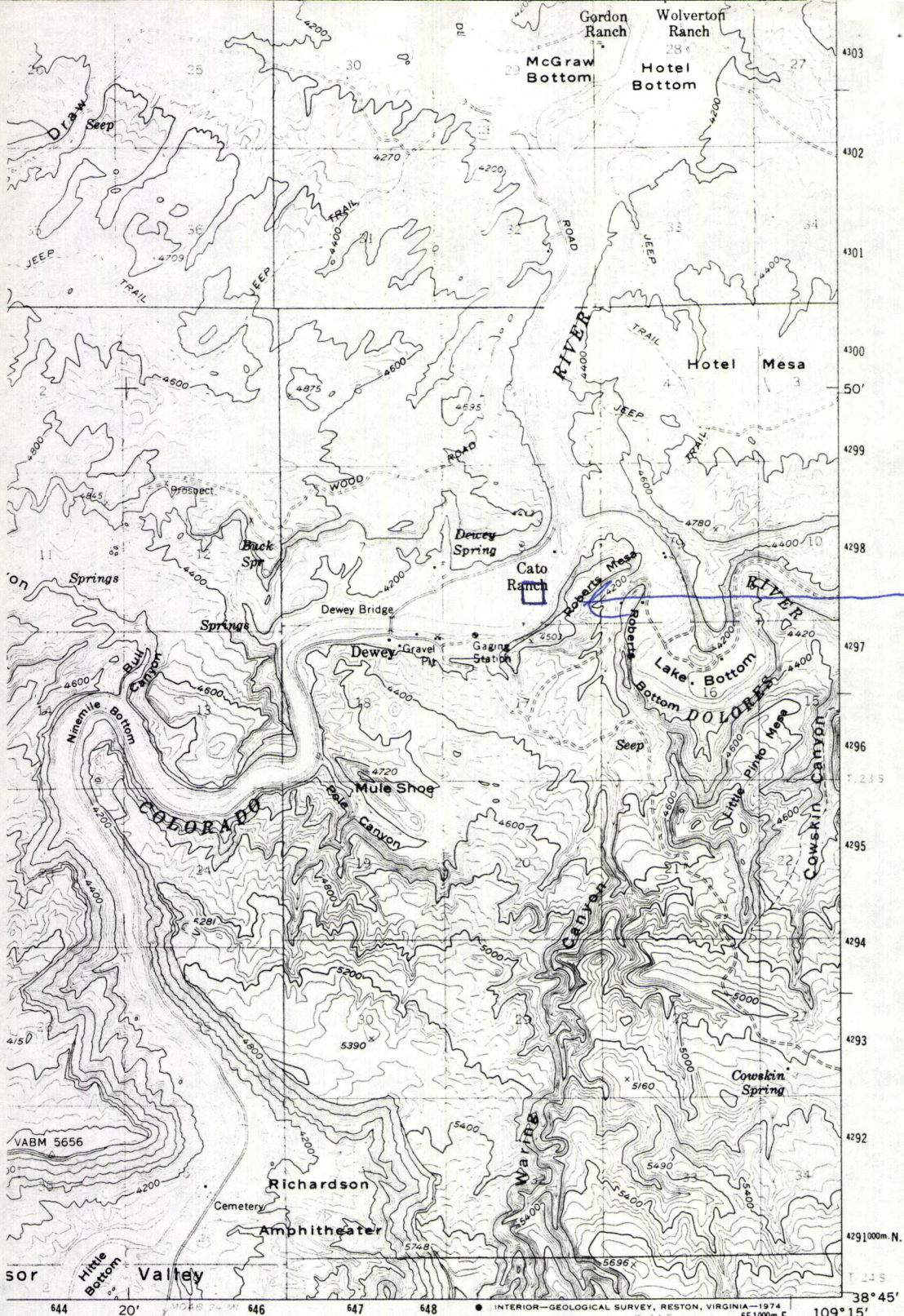
26. Reclamation Schedule

A. The trench is to be dug till bedrock is reached. The bedrock is to be cleaned and after sufficient width at depth, the sand will be replaced. Cleaned bedrock should be exposed for only 2 to 3 weeks. Sand replacement is carried out continuously.

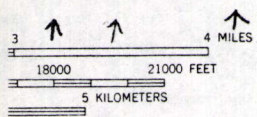
B Topsoil will be replaced 3 to 4 weeks after sand grade has been reached. If earthmoving equipment will be in area the topsoil will be stockpiled for spreading after mining activity ceases.

C. Mining duration on claim 20 years

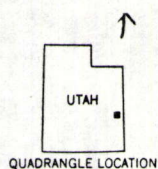
D. Final Reclamation will be in the fall of each year leaving less than an acre of finished land unplanted.



DOE/019/023



GINIA 22092
EST



QUADRANGLE LOCATION

ROAD CLASSIFICATION	
Medium-duty	Light-duty
Unimproved dirt	
U. S. Route	State Route

CISCO, UTAH

N3845—W10915/15

1958

MINOR REVISIONS 1973
AMS 4161 IV - SERIES V797

State Hwy

Power Line

1/4 sec cor
sec 7 N 8

7235 R24N
S. 1 B 1/4

→ +
SW cor
sec 8

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FEB 23 1983

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OIL GAS MINING

MAP C
Mine Site

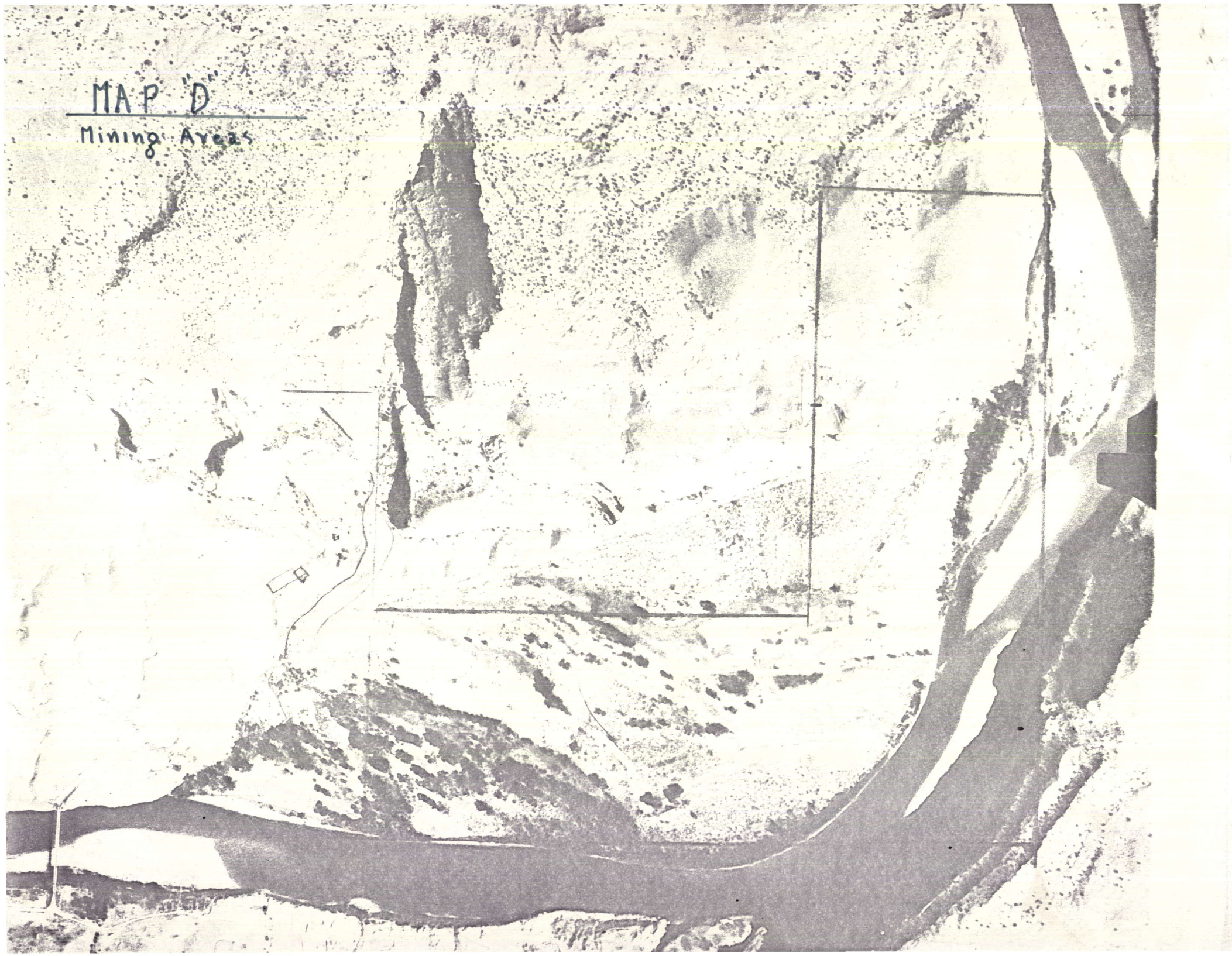
DIVISION OF
MINE, GAS & MINING

1987

REGISTERED



MAP "D"
Mining Areas



T. 235

